Sustainable Agriculture Research & Education

www.sare.org

What is SARE?

Since 1988, the Sustainable Agriculture Research & Education (SARE) program has been the go-to USDA grants and outreach program for farmers, ranchers, researchers and educators who want to develop innovations that improve farm profitability, protect water and land, and revitalize communities. To date, SARE has awarded over $4.4 million to more than 73 initiatives [1].

SARE is grassroots with far-reaching impact

Four regional councils of expert practitioners set priorities and make grants in every state and island protectorate.

SARE communicates results

SARE shares project results by requiring grantees to conduct outreach and grower engagement; and by maintaining an online library of practical publications, grantee-produced information products and other educational materials.

SARE: Advancing the Frontier of Sustainable Agriculture in...

Wyoming

Project Highlight: *Growing and Marketing Ancient Grains in Wyoming*

Markets for ancient grains such as spelt, emmer, and einkhorn are growing due to their nutritional qualities and well-liked flavor. In addition, they are reported to require lower water and nutrient inputs than modern varieties. Caitlin Youngquist, Extension Educator at the University of Wyoming, considered that conducting research and working with farmers on these grains could help meet some of Wyoming's agricultural challenges. According to Youngquist, challenges include low soil fertility and quality, saline and alkaline soils, arid conditions, high crop evapotranspiration demands, and isolation from markets.

Youngquist and her partners studied the nitrogen and water demands of the three grains; evaluated crop performance in various growing regions of the state, quantified costs and benefits associated with growing ancient grains in the state; assessed impacts of growing conditions on grain quality; and worked to develop local markets for cooking and baking. The research was conducted at three University of Wyoming research stations in addition to five on-farm trials. The team hosted numerous presentations, baking workshops, Facebook Live events, and field days. They sent product samples to six food bloggers. Several bulletins and fact sheets were developed for the public from this project.

For more information on this project, see sare.org/projects, and search for project number OW19-340.

SARE in Wyoming

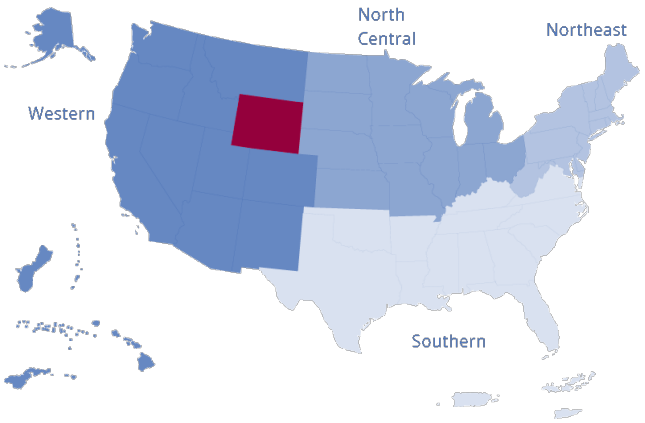
western.sare.org/state-profiles/wyoming/

$4,374,088 in total funding

73 grant projects

(since 1988 [1])

For a complete list of Wyoming grant projects, go to projects.sare.org/state-fact-sheets/



[1] These totals reflect available data; complete information may not be available for all grant programs prior to 2016.

SARE in Wyoming, 2021–2026

This is a summary of recent SARE-funded activities and impacts in the state. To search all SARE projects visit projects.sare.org. For a list of all projects in Wyoming visit projects.sare.org/state-fact-sheets/.

Grants awarded

Total awards: **16 grants**

3	Farmer/Rancher
2	Research and Education
1	Professional Development Program
4	On Farm Research/Partnership
3	Graduate Student
1	Local Ed & Demo (formerly RGR)
2	PDP State Program [2]

Total funding: **$1,369,879**

$60,050	Farmer/Rancher
$525,362	Research and Education
$75,648	Professional Development Program
$309,763	On Farm Research/Partnership
$89,824	Graduate Student
$99,233	Local Ed & Demo (formerly RGR)
$209,999	PDP State Program [2]

[2] The Professional Development Program (PDP) State Program is a non-competitive award that funds the activities of the state coordinator(s). See more below.

For a complete list of Wyoming awards, visit:
projects.sare.org/state-fact-sheets/

Farmer and rancher impacts

SARE grantees have reported the following impacts from their projects:

3,131 farmers participated in a SARE-funded project

14 farmers changed a practice



Photo credit: Wyoming Kernza Project

Learn about local impacts at:
western.sare.org/sare-in-your-state/wyoming/

Contact Your SARE State Coordinator

SARE sustainable ag coordinators run state-level educational programs for Extension and other ag professionals, and many help grant applicants and recipients with planning and outreach. Visit western.sare.org/state-profiles/wyoming/ to learn more.

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SARE Sustainable Agriculture Research & Education

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